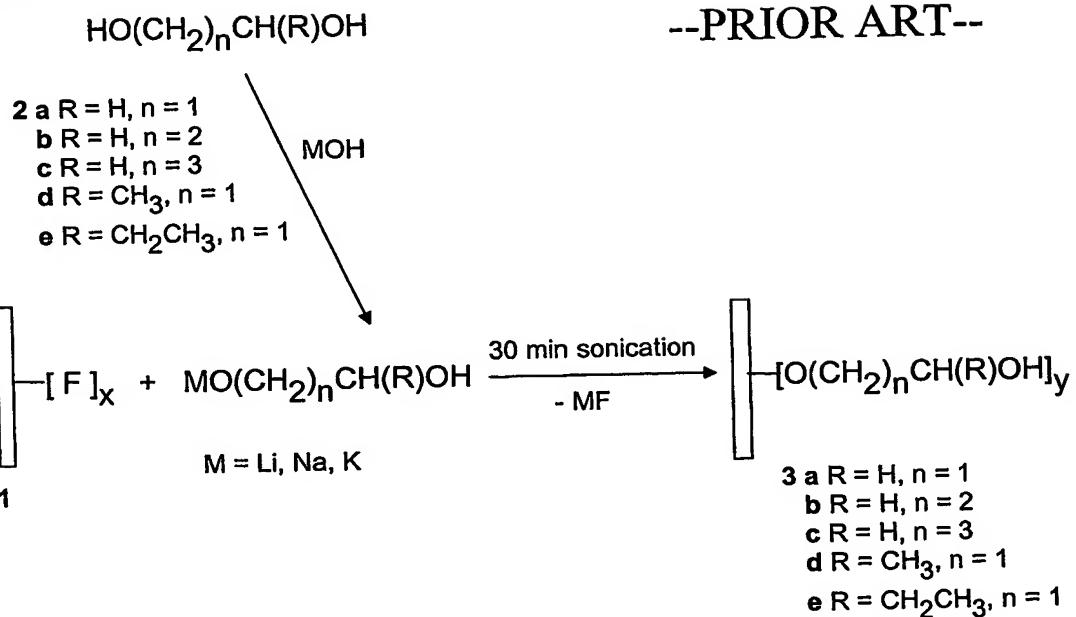


(A)



(B)

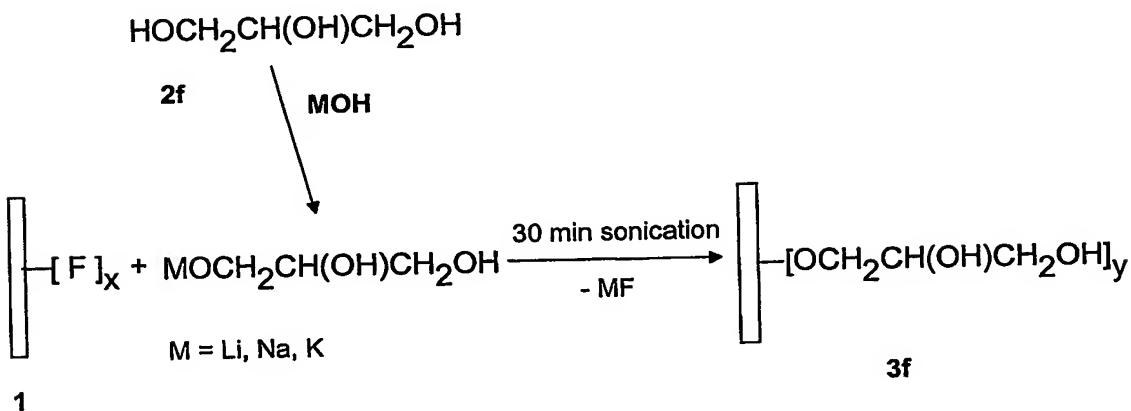


Fig. 1

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--PRIOR ART--

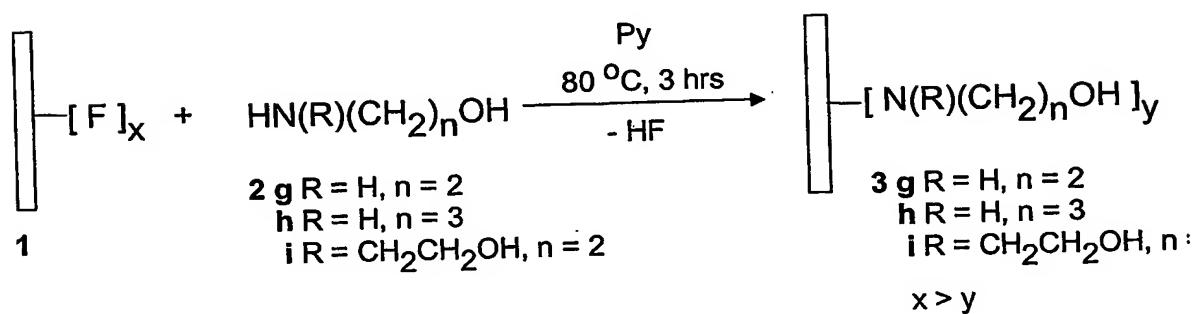


Fig. 2

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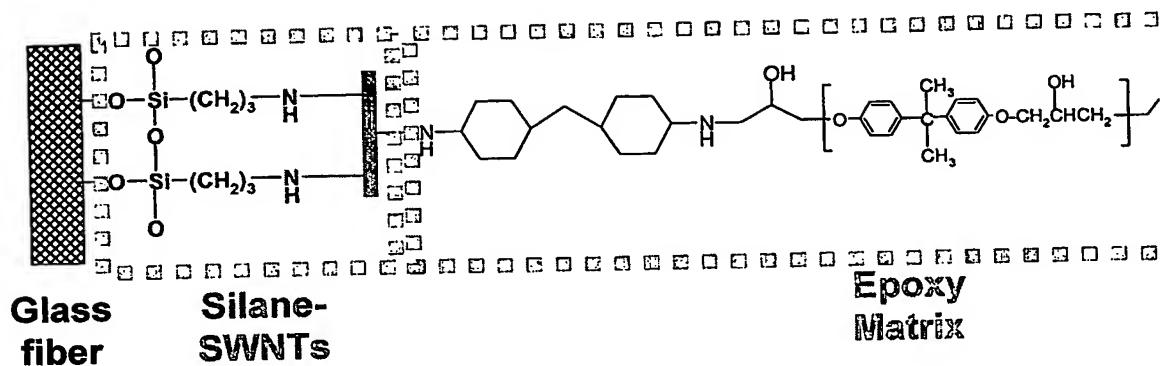


Fig. 3

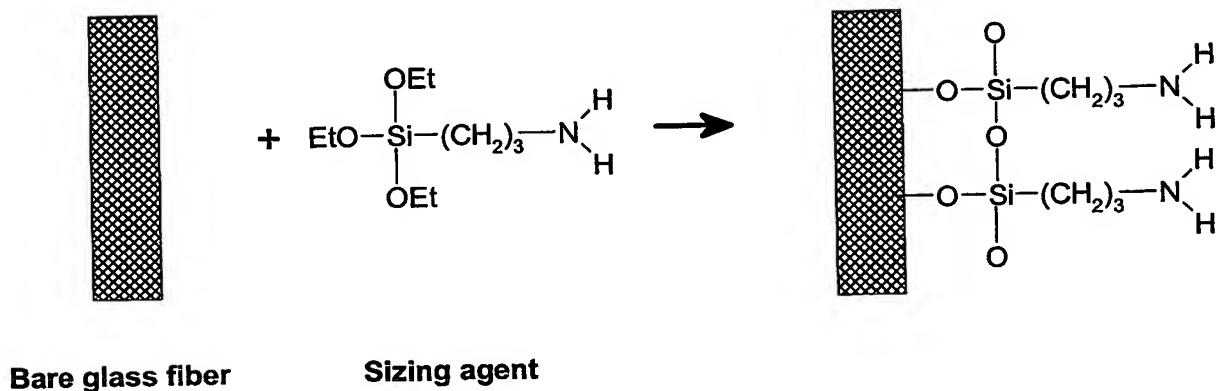


Fig. 4

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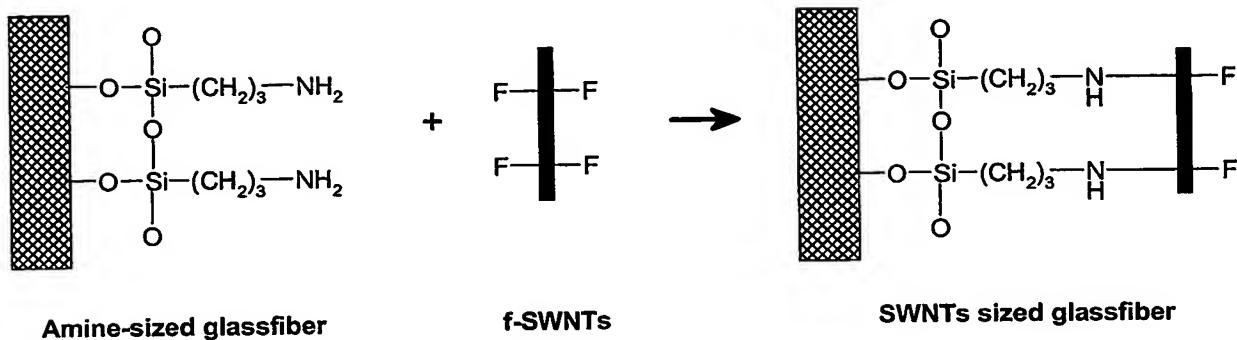


Fig. 5

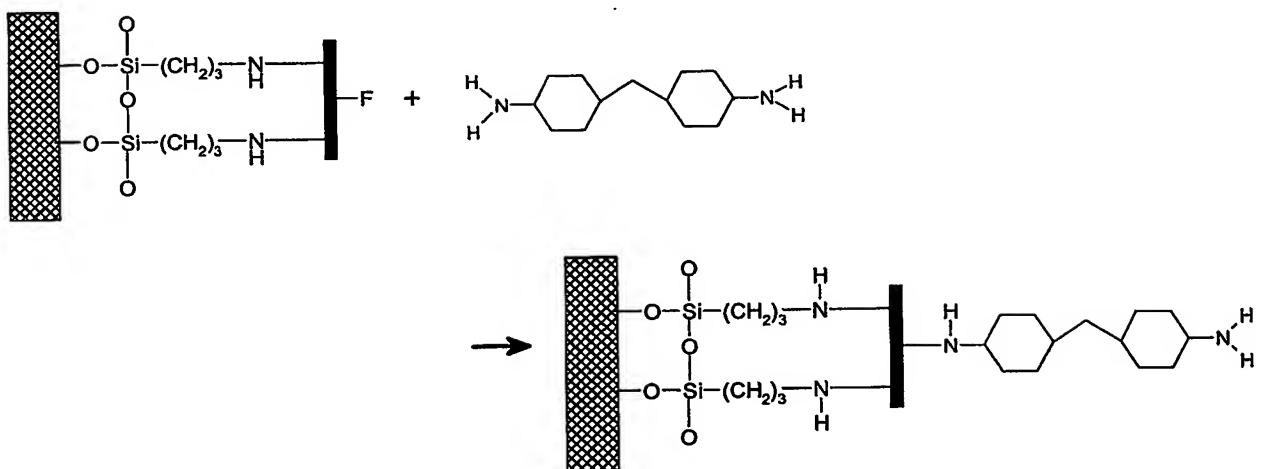


Fig. 6

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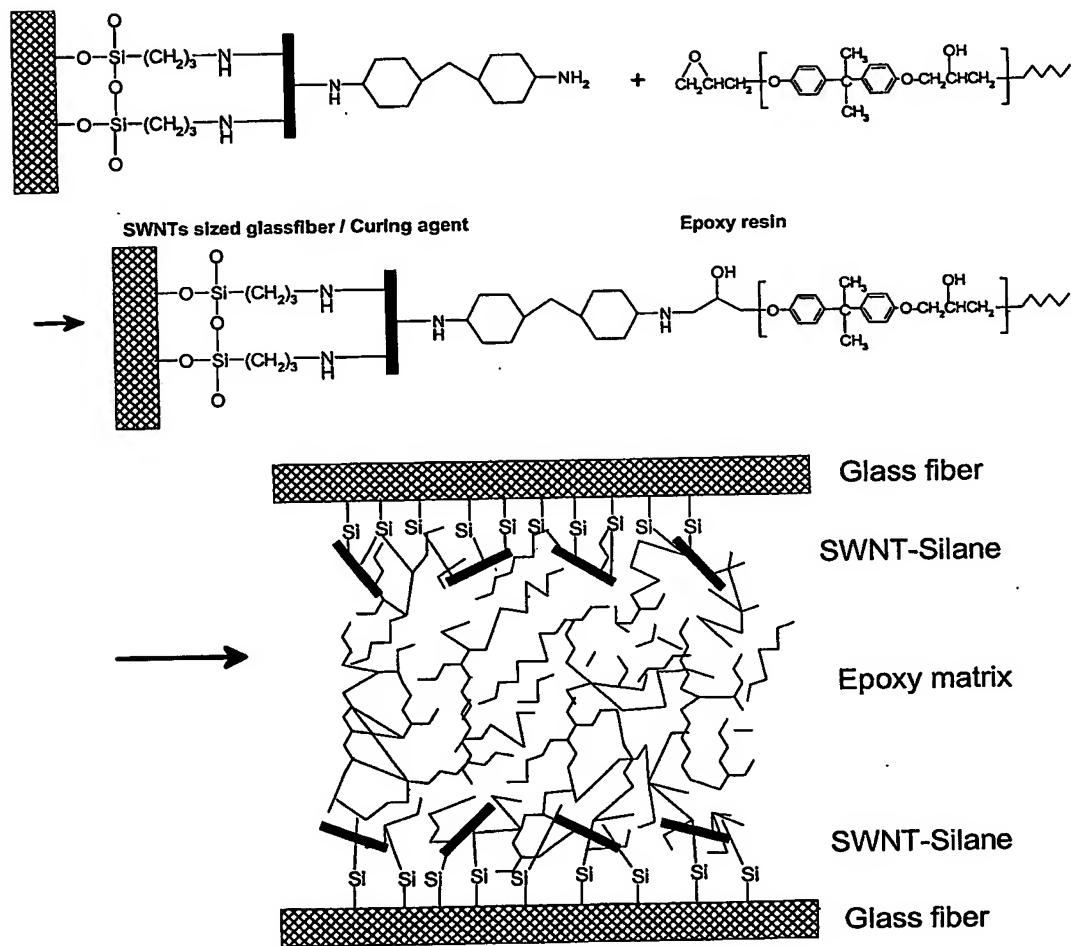
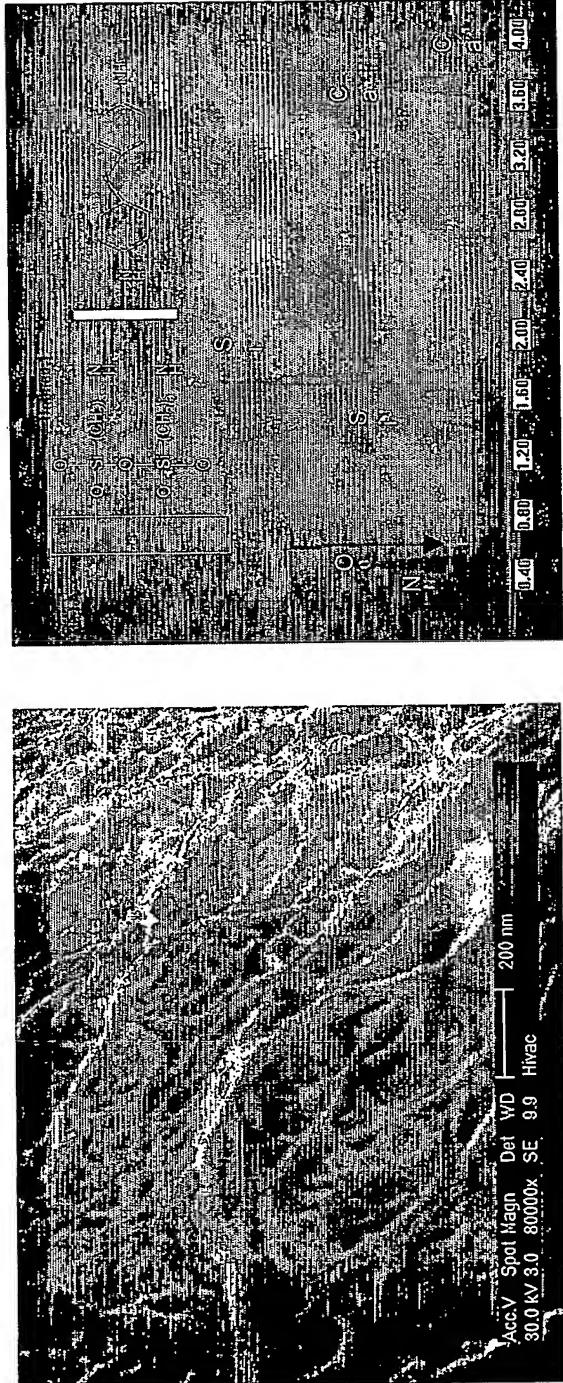


Fig. 7

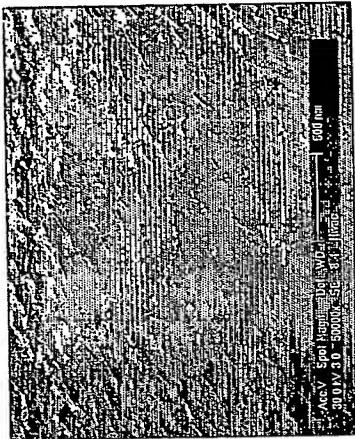
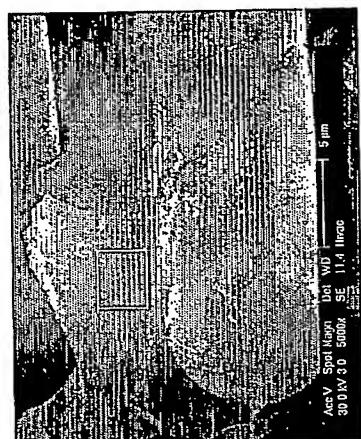
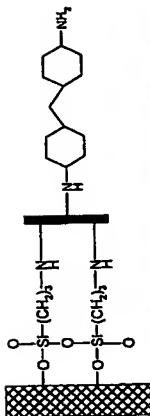
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Fig. 8

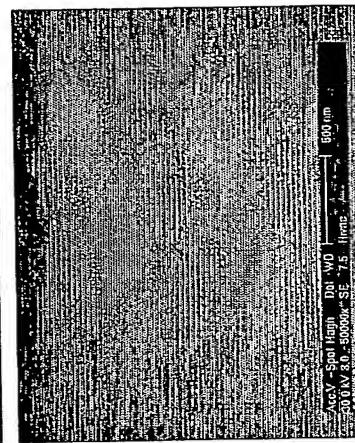
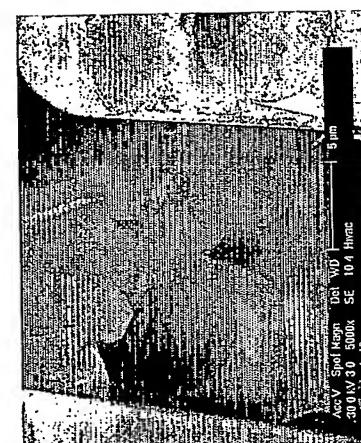
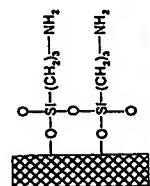
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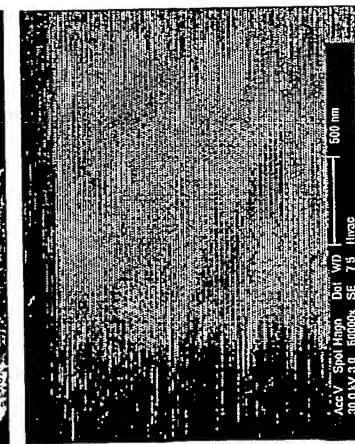


(a)



(b)

4.81H



(c)

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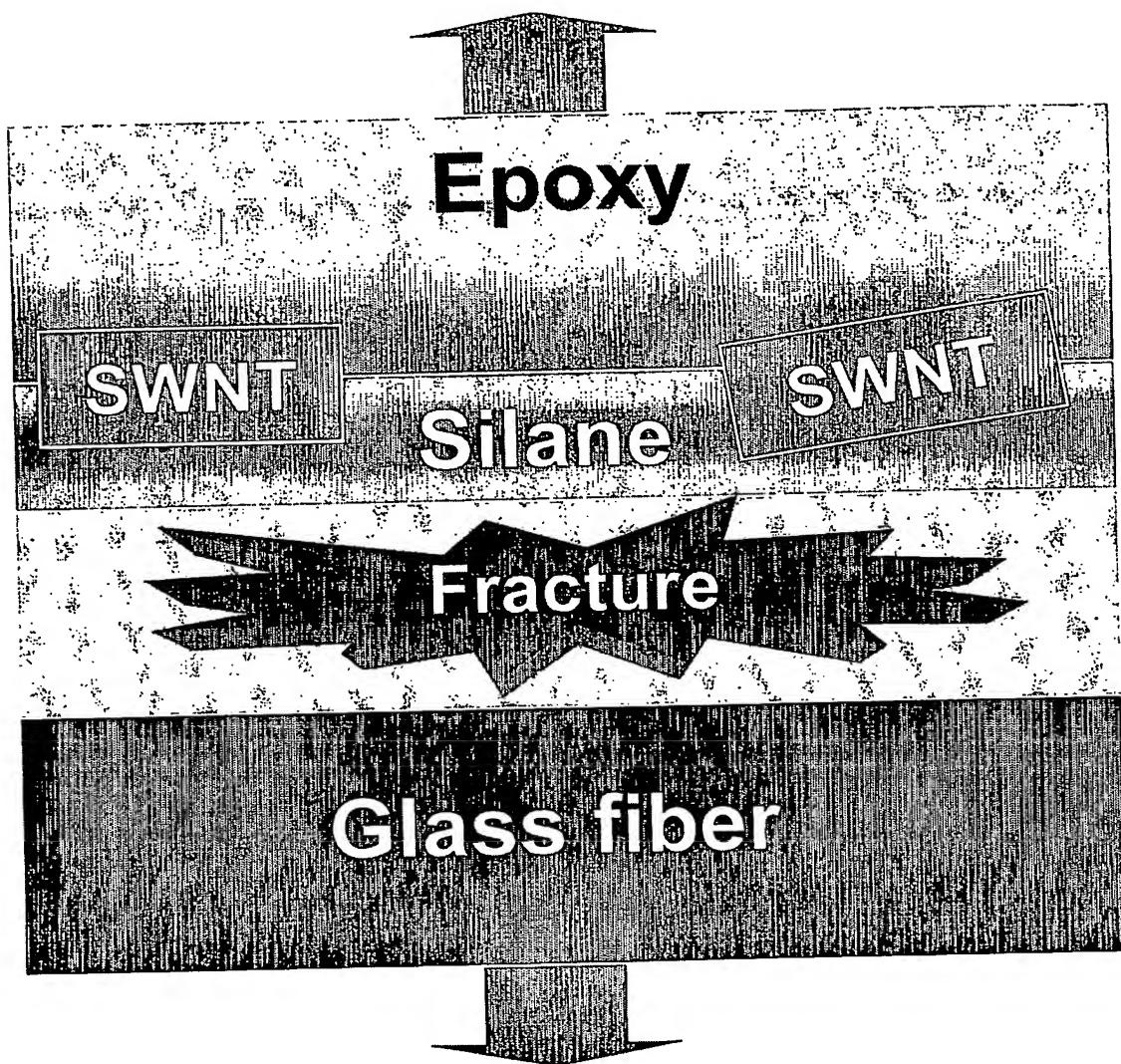


Fig. 10

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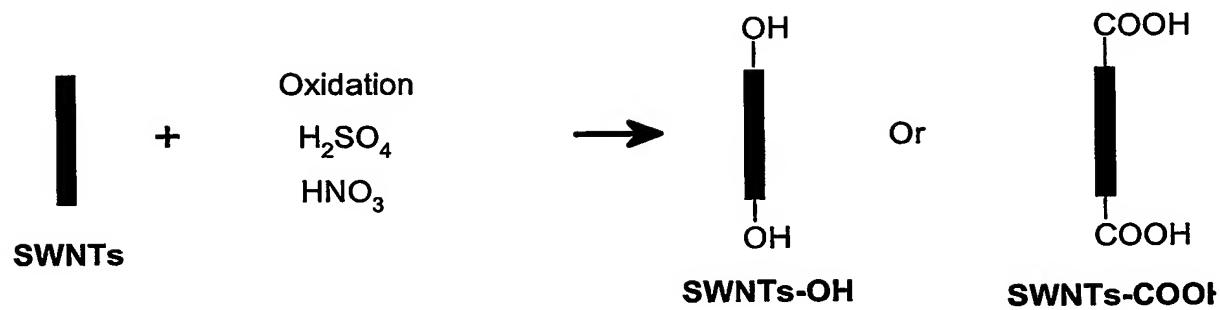


Fig. 11

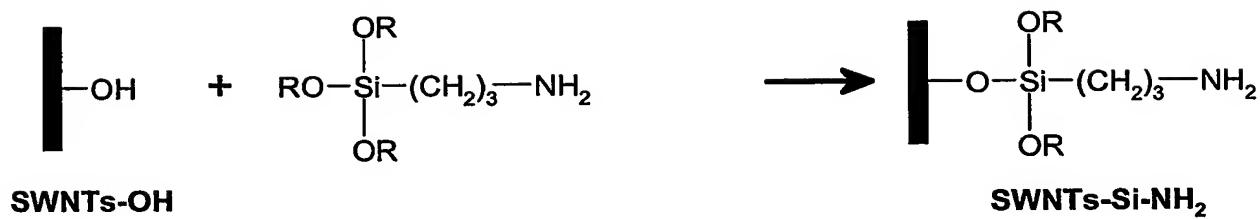


Fig. 12

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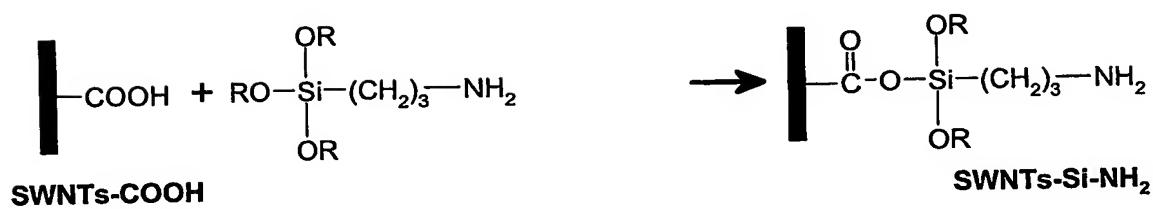


Fig. 13

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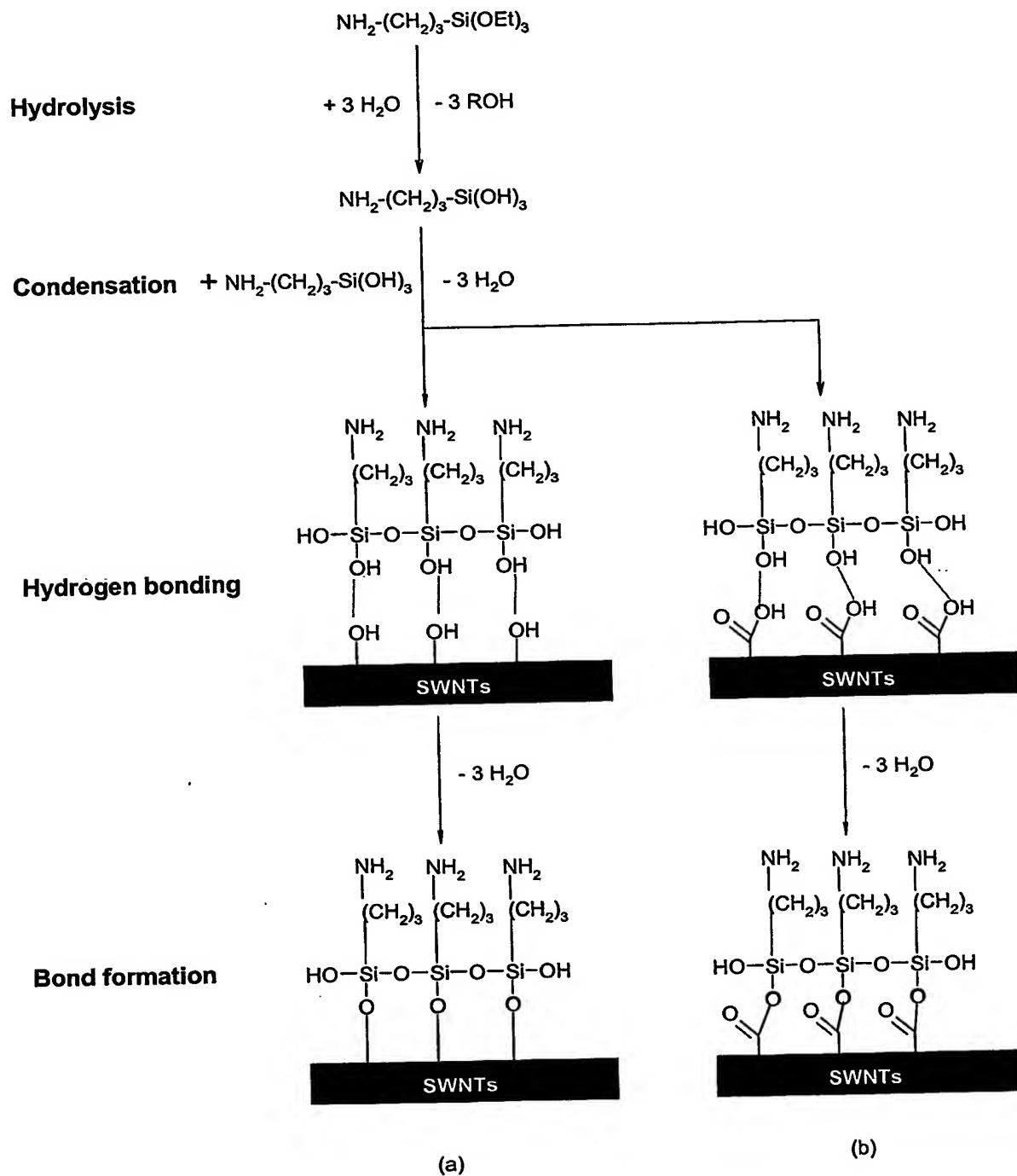


Fig. 14

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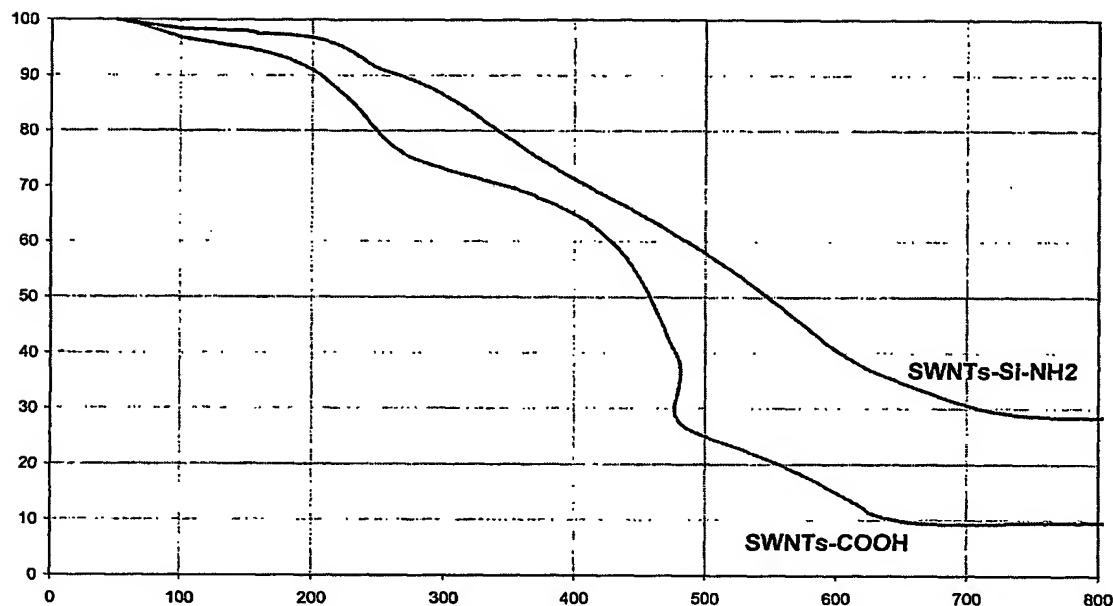


Fig. 15

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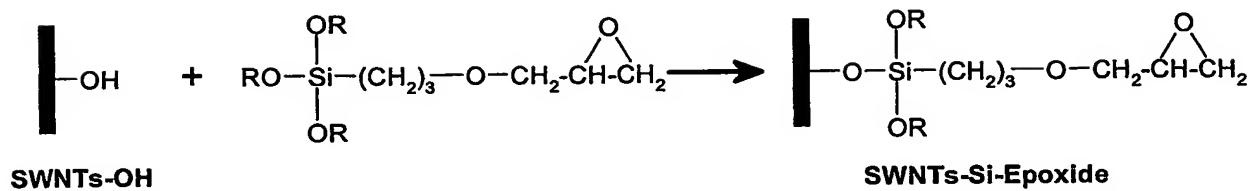


Fig. 16

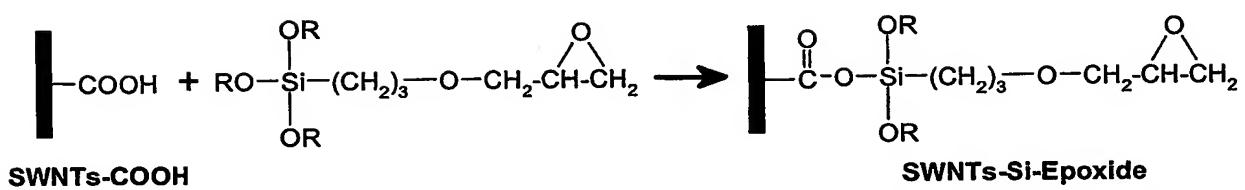


Fig. 17

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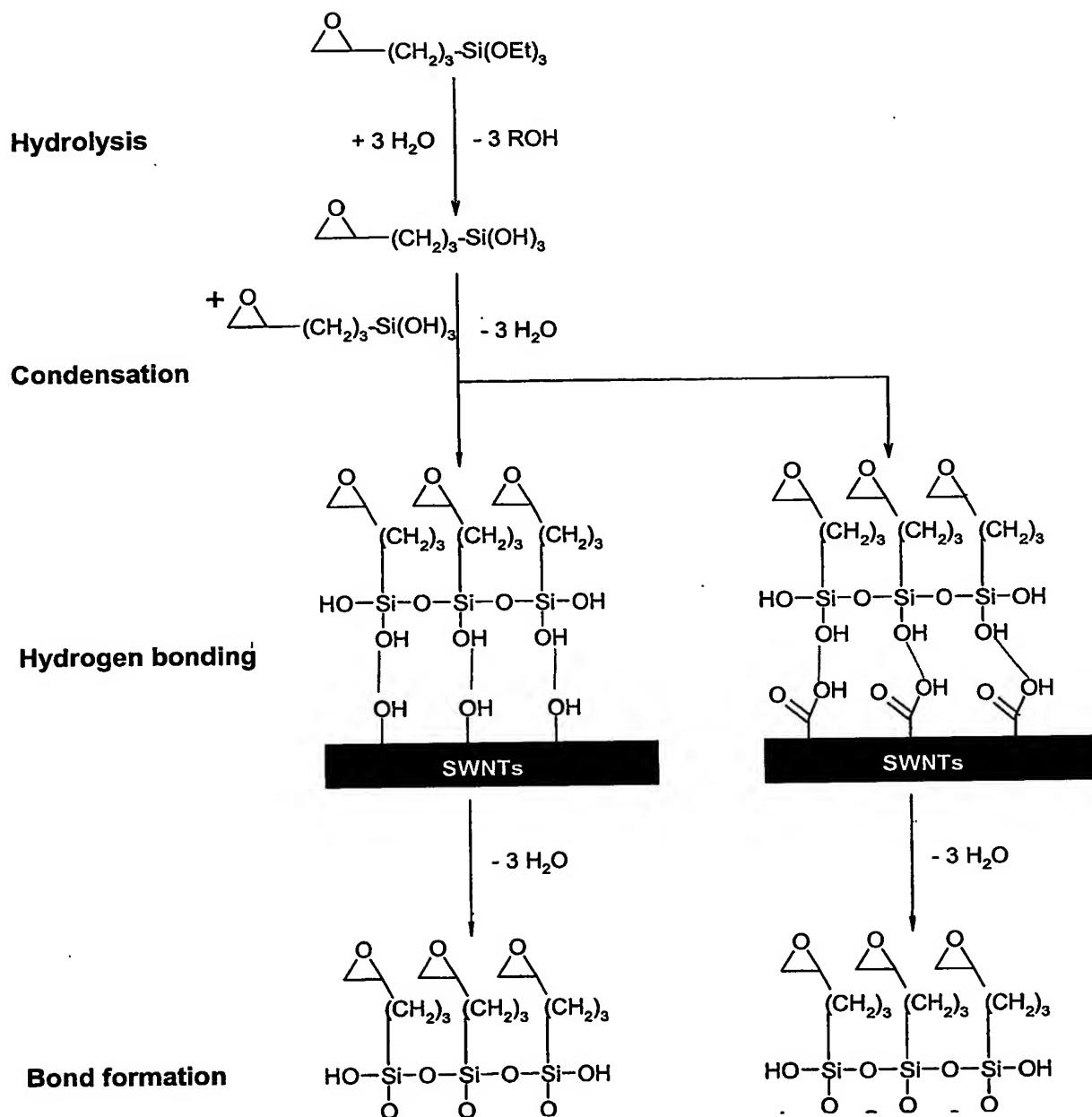
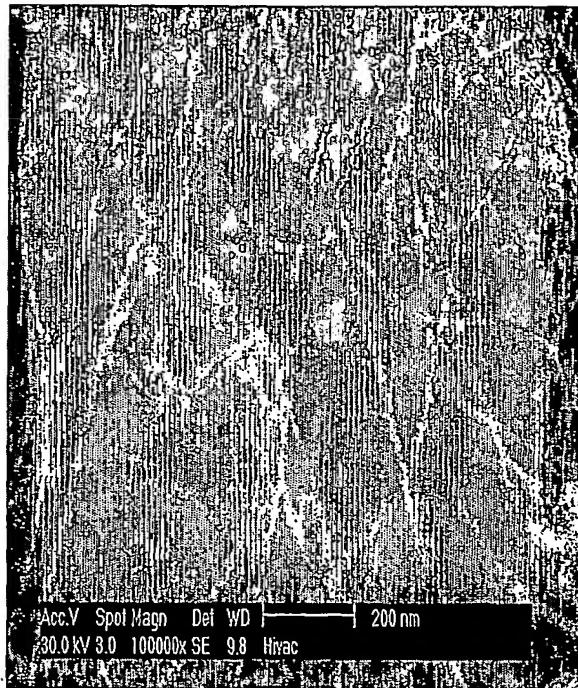


Fig. 18

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(a) Powder NT



(b) SWNTs-Si-Epoxide

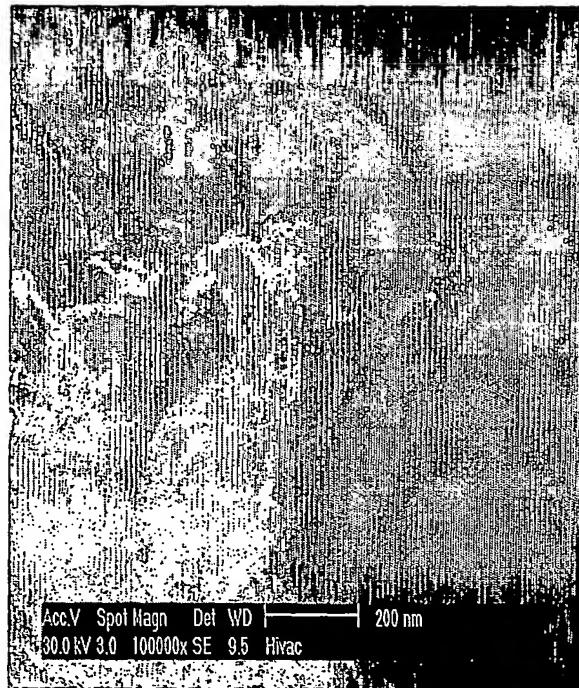
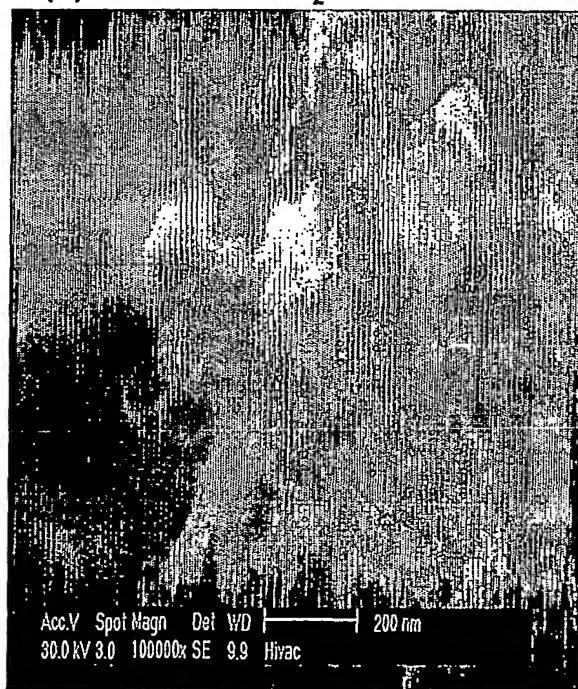
(c) SWNTs-Si-NH₂D(d) SWNTs-Si-NH₂B

Fig. 19

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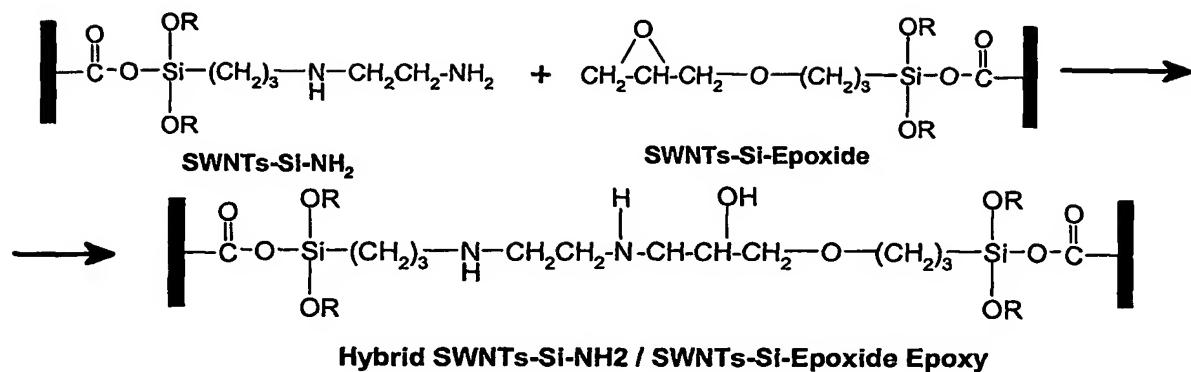


Fig. 20

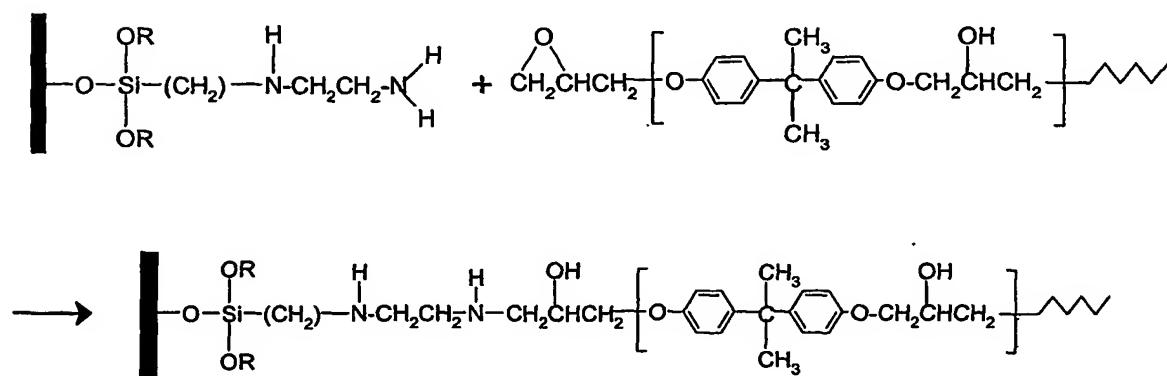


Fig. 21

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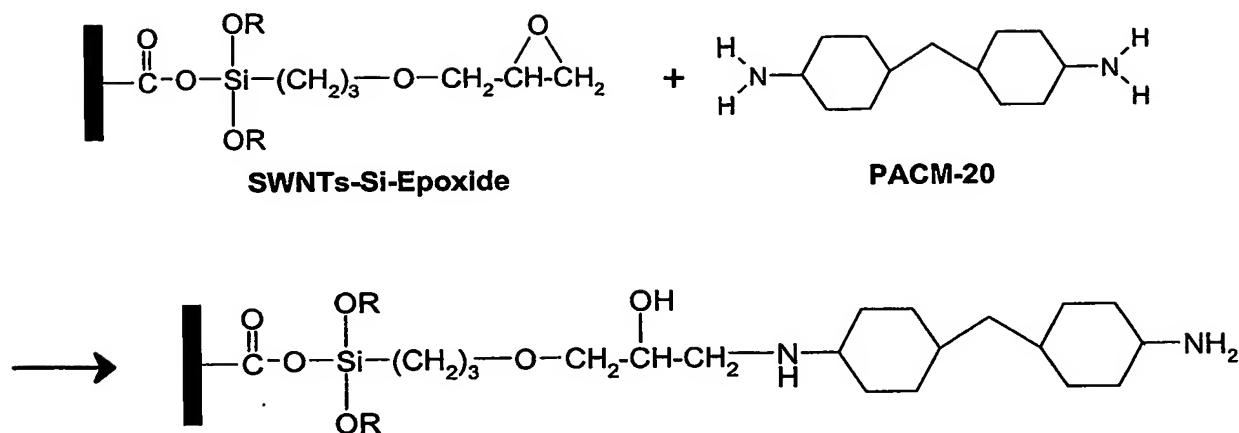


Fig. 22

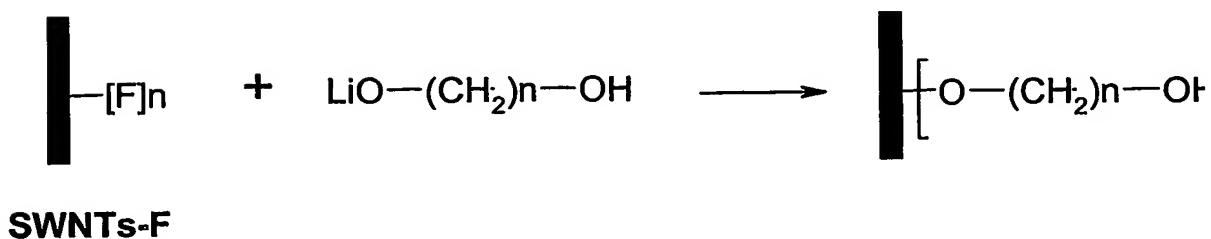


Fig. 23

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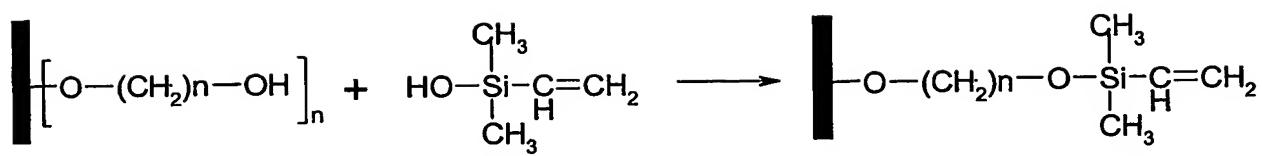


Fig. 24

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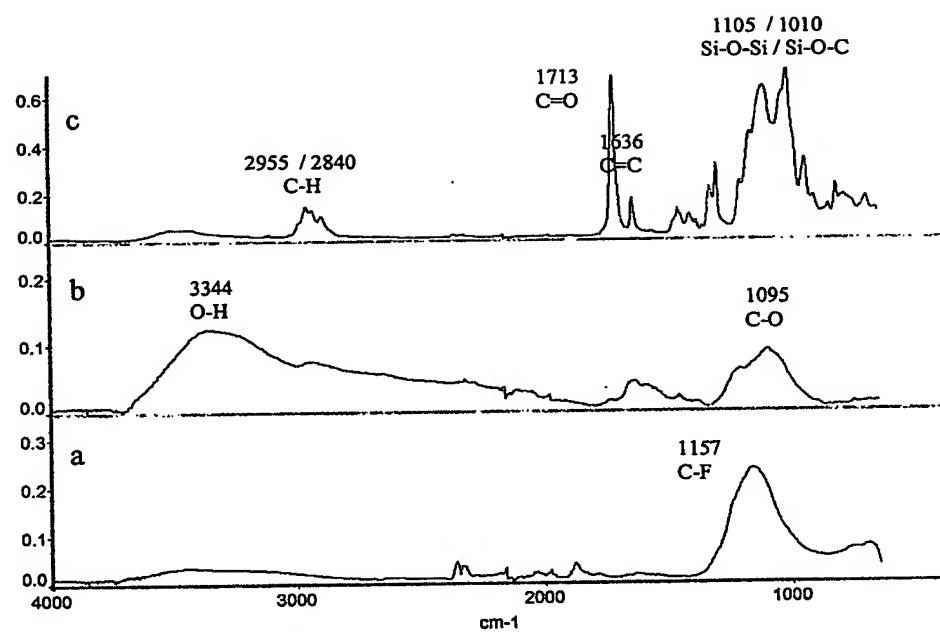


Fig. 25

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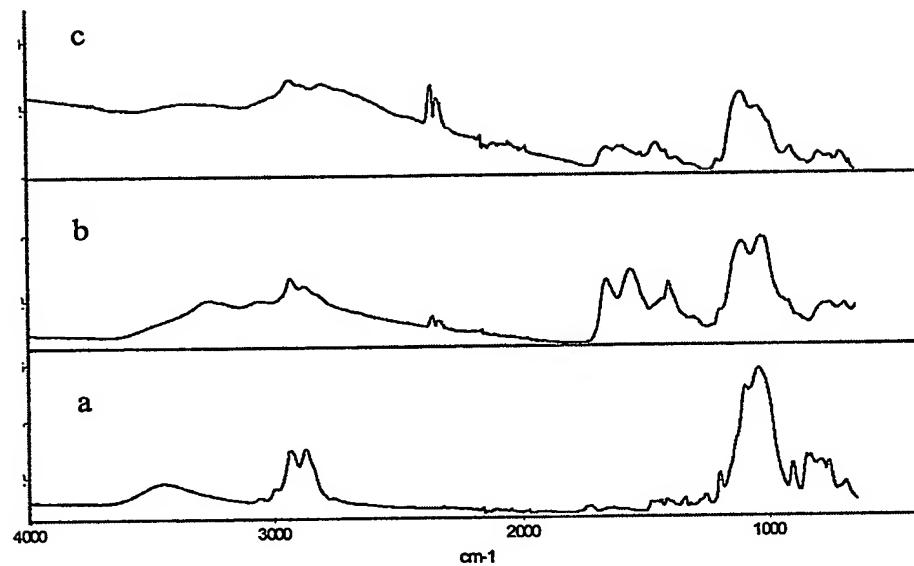


Fig. 26

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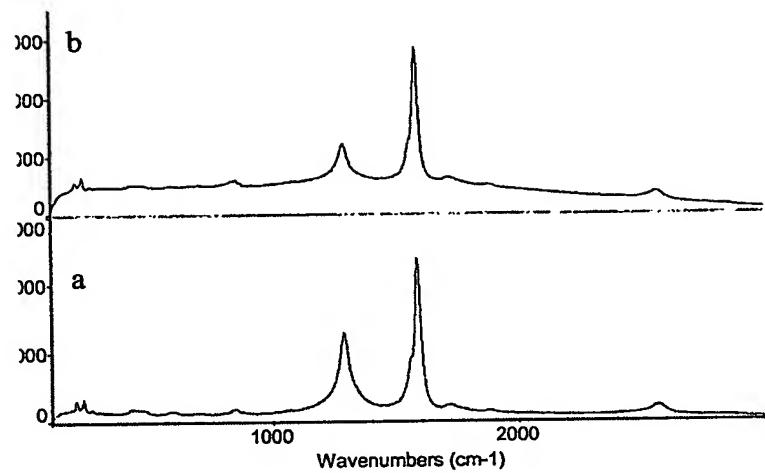


Fig. 27

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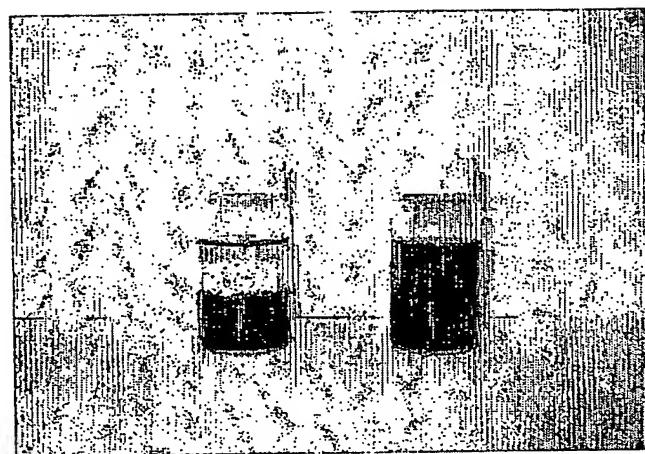


Fig. 28

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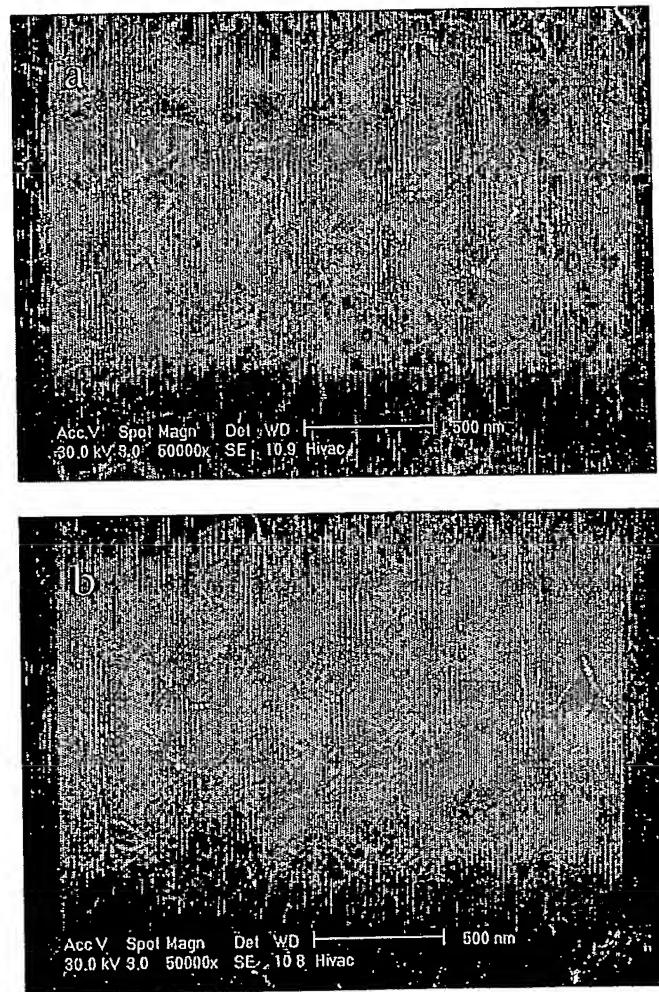


Fig. 29

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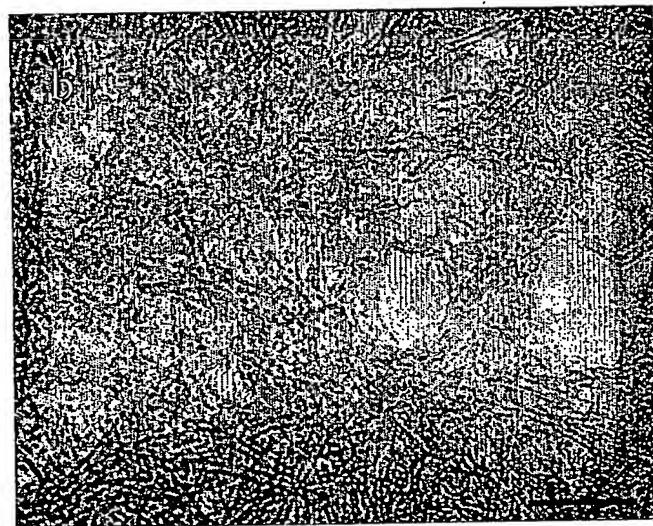
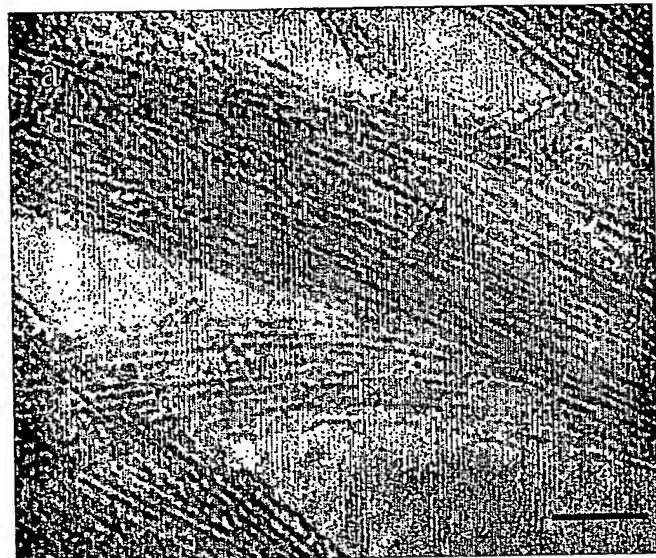


Fig. 30

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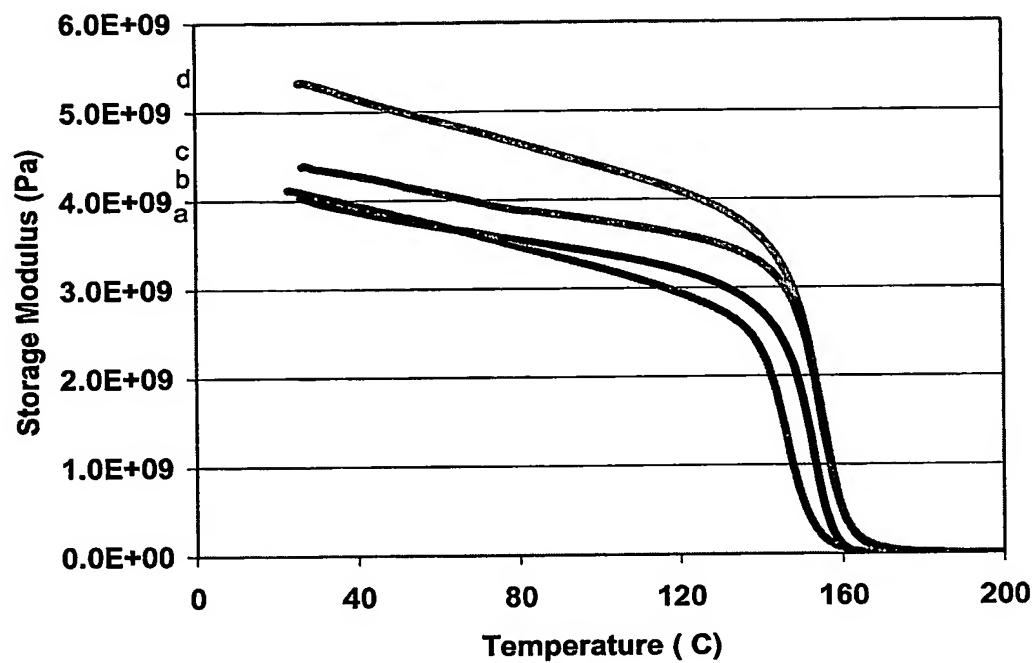


Fig. 31